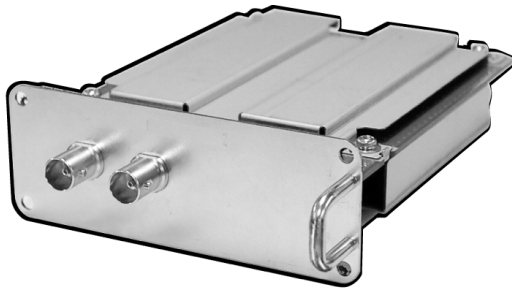


Service Manual

Dual HD-SDI Terminal Board for 3D

Model No. TY-FB30DHD3D



WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE


There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

TABLE OF CONTENTS

	PAGE
1 Safety Precautions -----	2
1.1. General Guidelines-----	2
2 Warning -----	3
2.1. Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices-----	3
2.2. About lead free solder (PbF)-----	4
3 Disassembly and Assembly Instructions -----	5
3.1. Remove the HSD Board -----	5
4 Block Diagram -----	7
4.1. HSD-Board Block Diagram-----	7
5 Schematic Diagram	
6 Printed Circuit Board	
7 Exploded View and Replacement Parts List	
7.1. Exploded View	
7.2. Electrical Replacement Parts List	

1 Safety Precautions

1.1. General Guidelines

1. When conducting repairs and servicing, do not attempt to modify the equipment, its parts or its materials.
2. When wiring units (with cables, flexible cables or lead wires) are supplied as repair parts and only one wire or some of the wires have been broken or disconnected, do not attempt to repair or re-wire the units. Replace the entire wiring unit instead.
3. When conducting repairs and servicing, do not twist the Fasten connectors but plug them straight in or unplug them straight out.
4. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
5. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
6. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1Mohm and 5.2Mohm.

When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

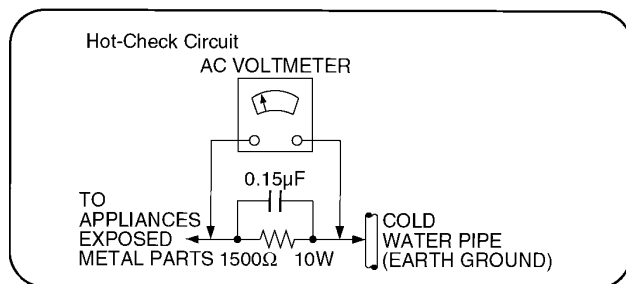


Figure 1

1.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kohm, 10 watts resistor, in parallel with a 0.15µF capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1 .
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

2 Warning

2.1. Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise ham less motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

2.2. About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

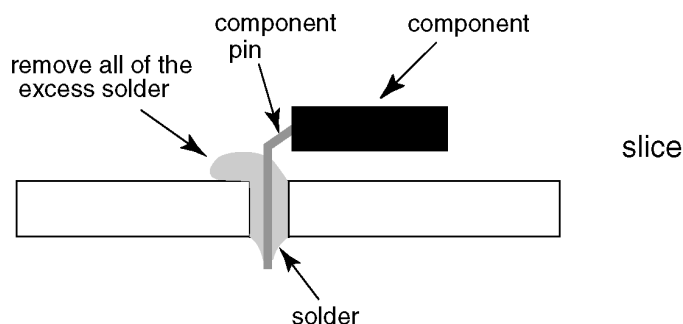
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol **PbF** stamped on the back of PCB.

Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).
If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

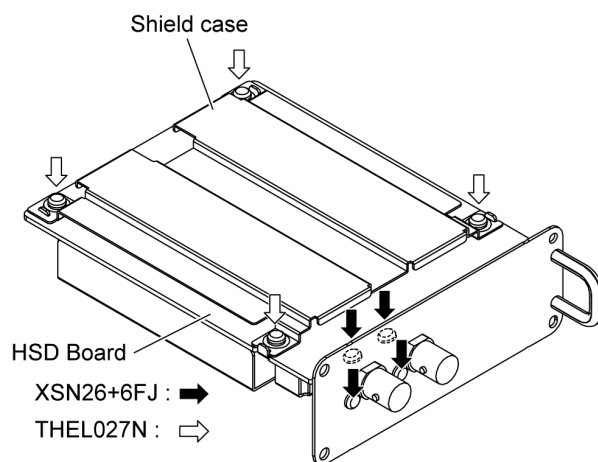
There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g

3 Disassembly and Assembly Instructions

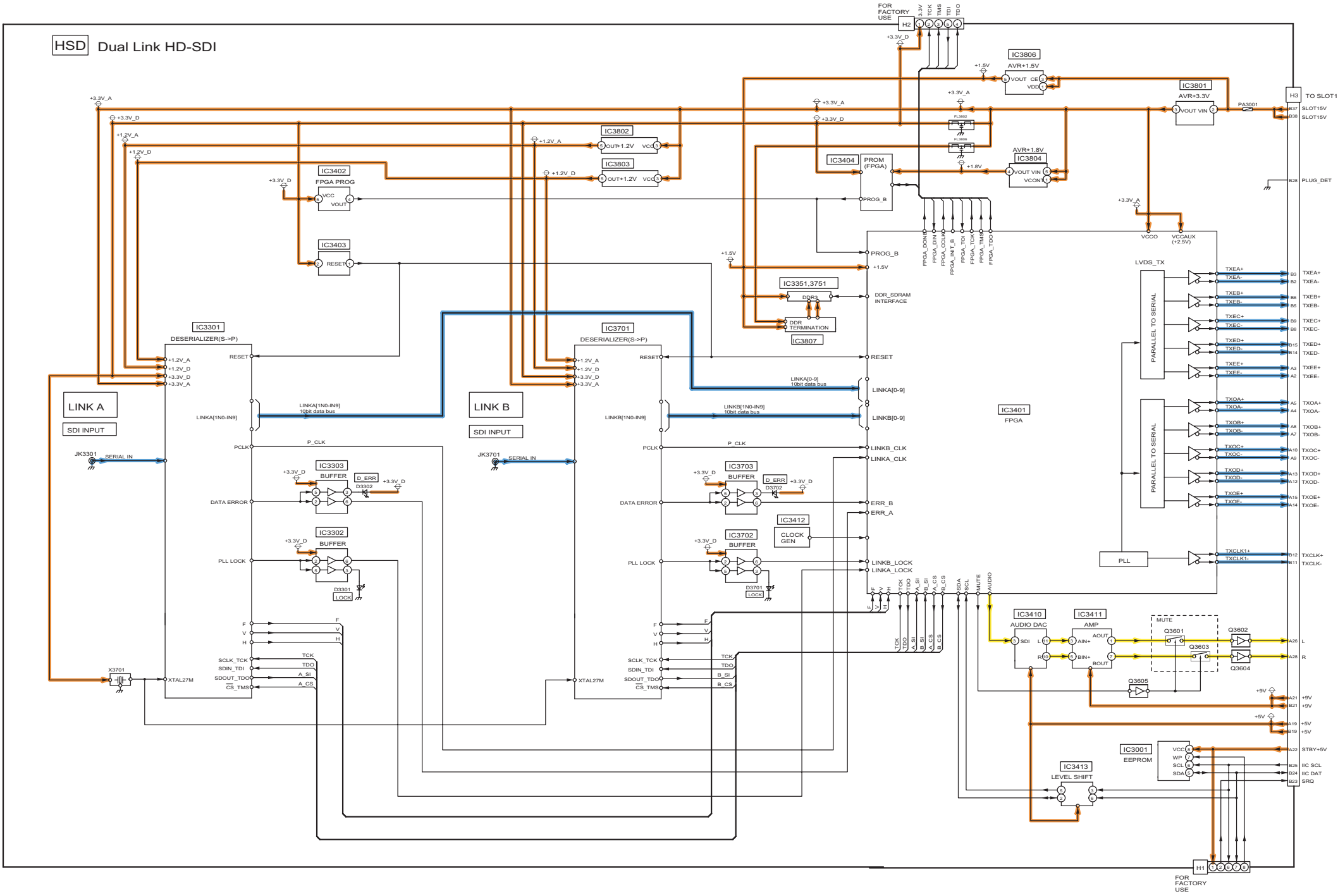
3.1. Remove the HSD Board

1. Remove the screws (×4 ⇨, ×4 ⇨) and then remove the Shield case and HSD Board.









4 Block Diagram

4.1. HSD-Board Block Diagram



Model No. : TY-FB30DHD3D Schematic Diagram Note

Notes:

1. **Resistor**
Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
Unit of capacitance is μ F, unless otherwise noted.
3. **Coil**
Unit of inductance is H, unless otherwise noted.
4. **Test Point**
 : Test Point position
5. **Earth Symbol**
 : Chassis Earth (Cold)  : Line Earth (Hot)
6. **Voltage Measurement**
Voltage is measured by a DC voltmeter.
Conditions of the measurement are the following:
Receiving Signal Color Bar signal (RF)
All customer's controls Maximum positions
7. When arrow mark () is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow. : Video  Audio 
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

Notice: Use the parts number indicated on the Replacement parts List.

Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.
All circuits, except the Power Circuit, are cold.
Precautions
 - a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
 - b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
 - c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
Connect the earth of instruments to the earth connection of the circuit being measured.
 - d. Make sure to disconnect the power plug before removing the chassis.

Model No. : TY-FB30DHD3D Replacement Parts List Note

Notice: Be sure to make your orders of replacement parts according to this list.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

Type	Allowance
------	-----------

2. Capacitor

Example:

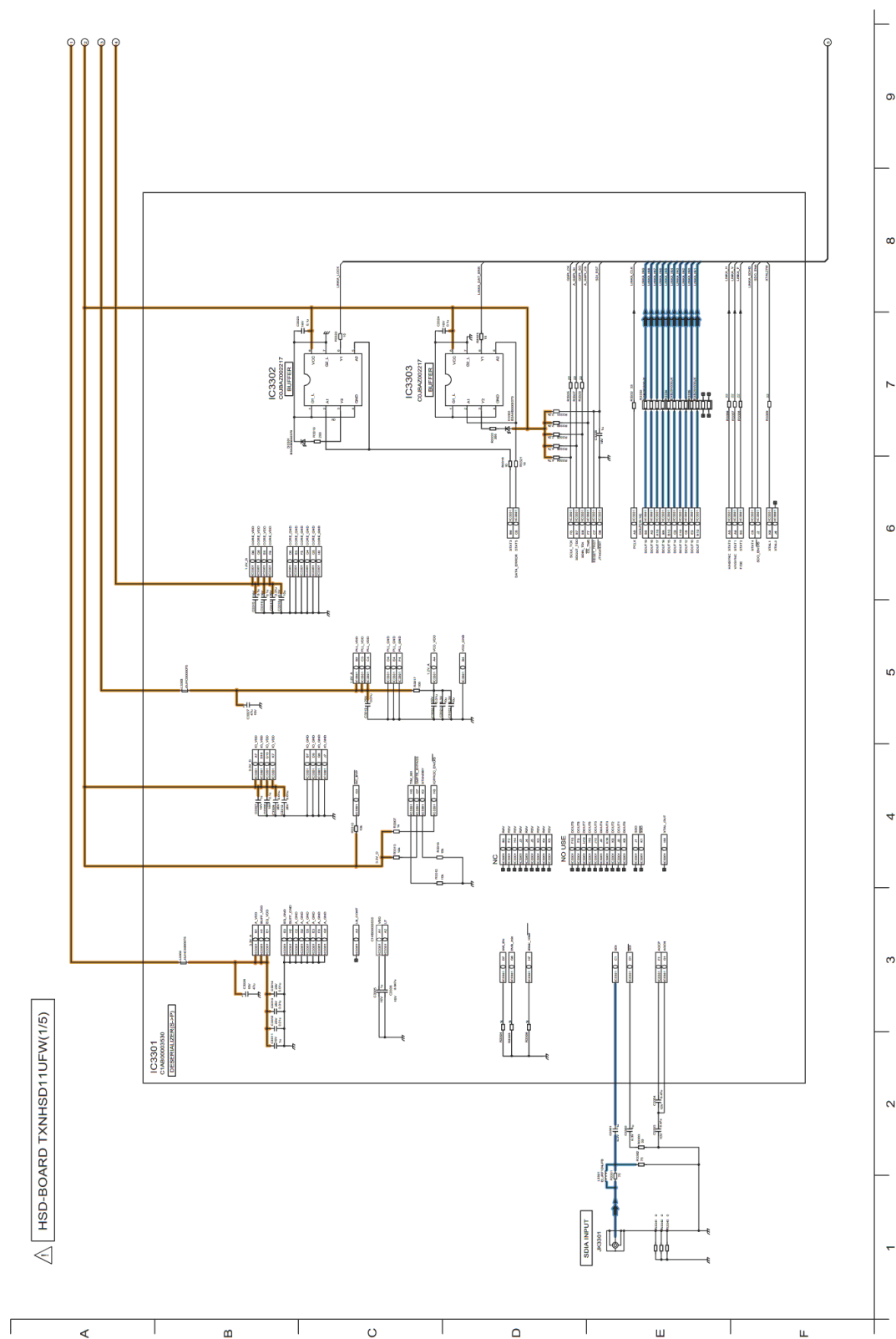
ECKF1H103ZF C 0.01UF, Z, 50V

 Type Allowance

Type	Allowance
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide	J : $\pm 5\%$
Metal Film	K : $\pm 10\%$
S : Solid	M : $\pm 20\%$
W : Wire Wound	

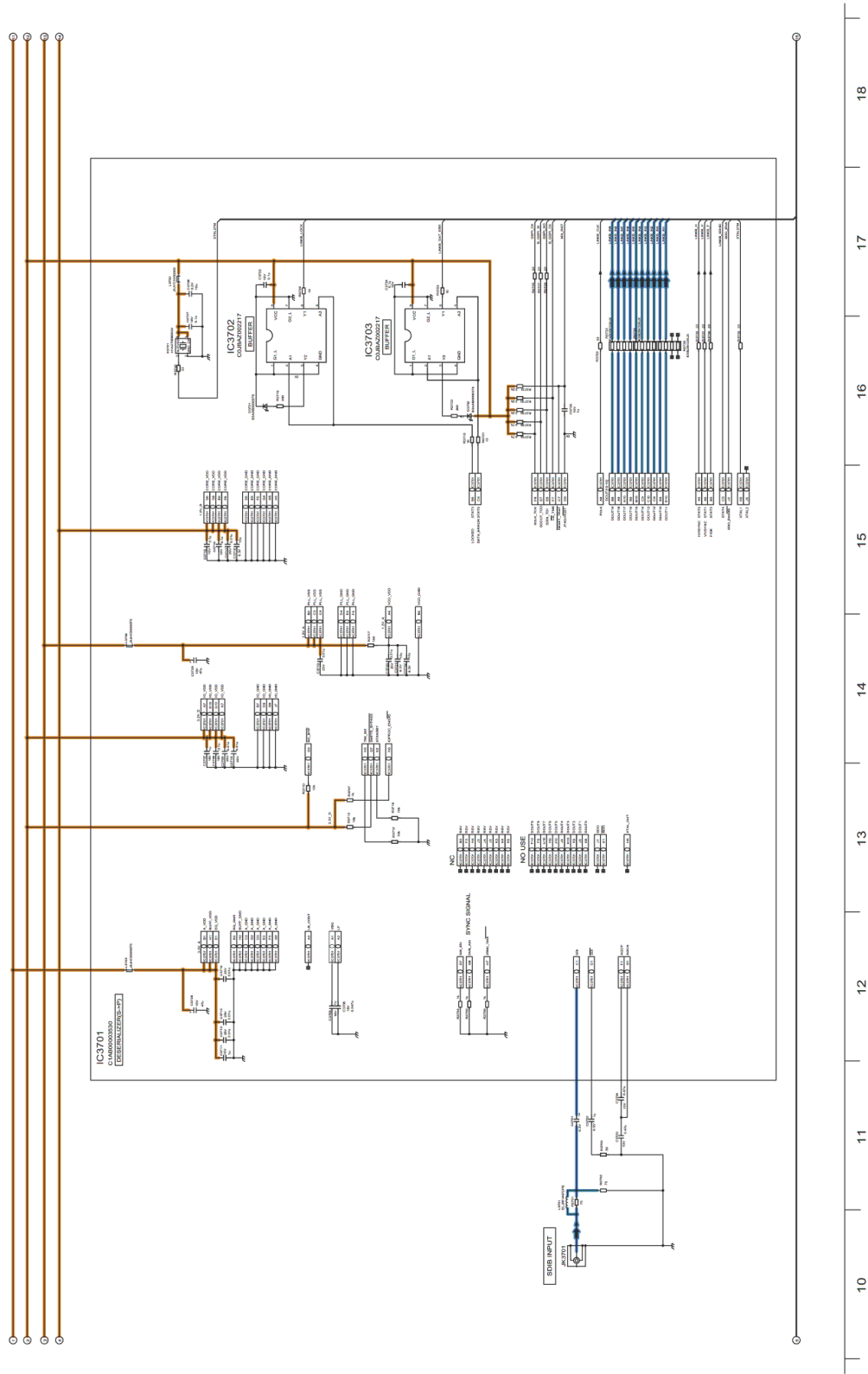
Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester	F : $\pm 1\text{pF}$
Polyprop	G : $\pm 3\text{pF}$
lene	J : $\pm 5\text{pF}$
T : Tantalum	K : $\pm 10\text{pF}$
	L : $\pm 15\text{pF}$
	M : $\pm 20\text{pF}$
	P : +100%, -0%
	Z : +80%, -20%

Model No. : TY-FB30DHD3D HSD-Board (1/5)



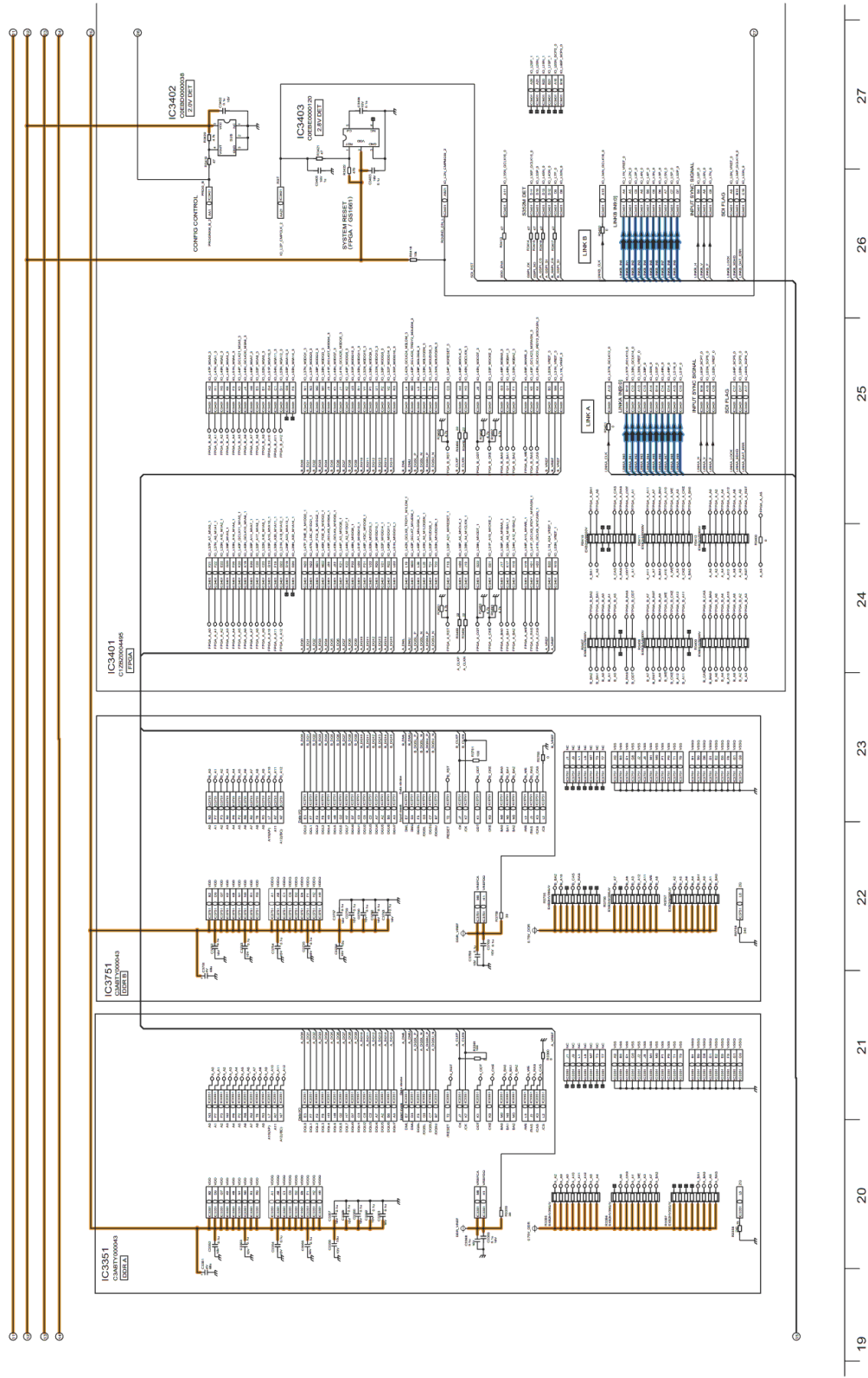
Model No. : TY-FB30DHD3D HSD-Board (2/5)

HSD-BOARD TXNHSD11UFW(2/5)

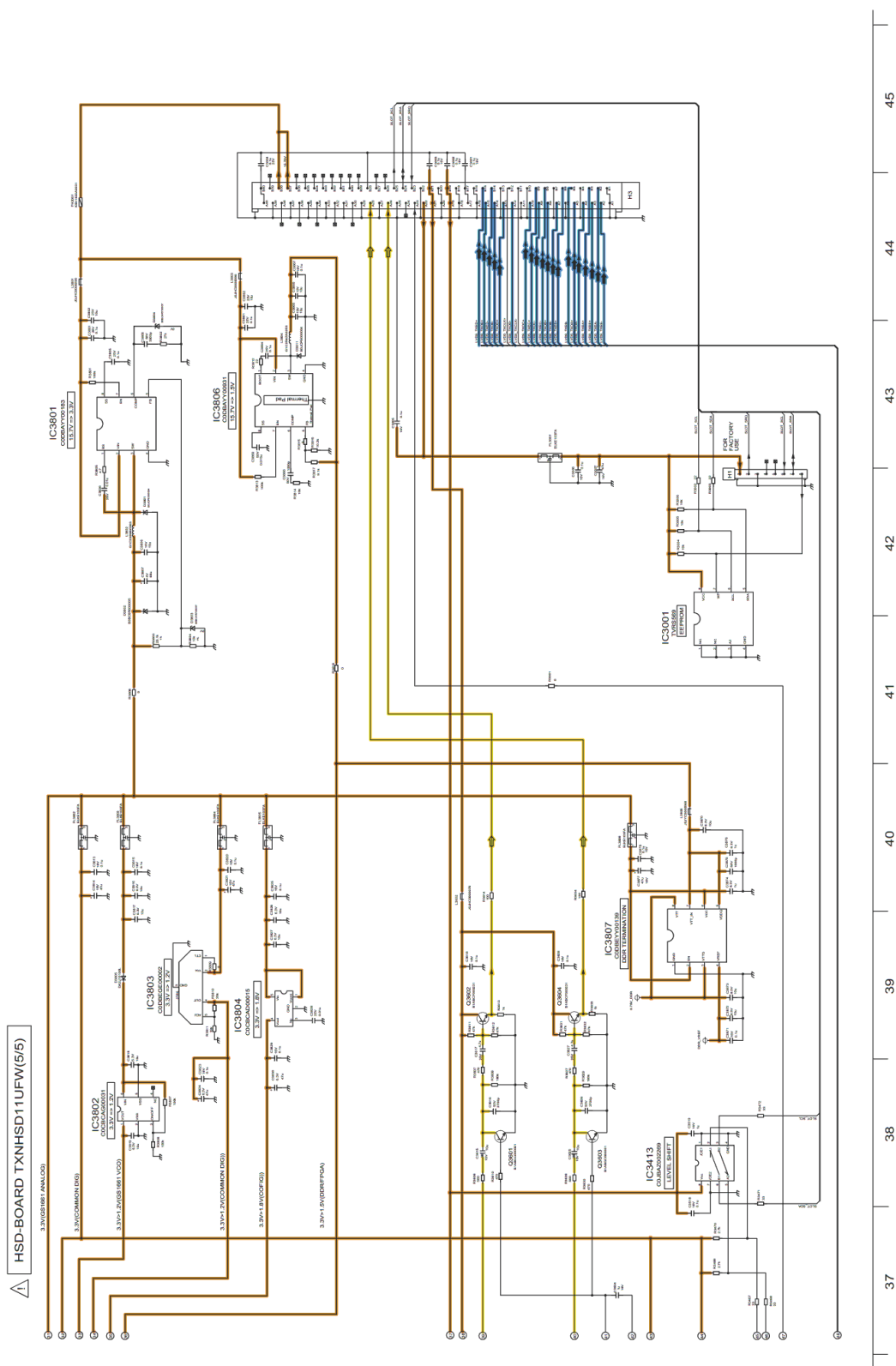


Model No. : TY-FB30DHD3D HSD-Board (3/5)

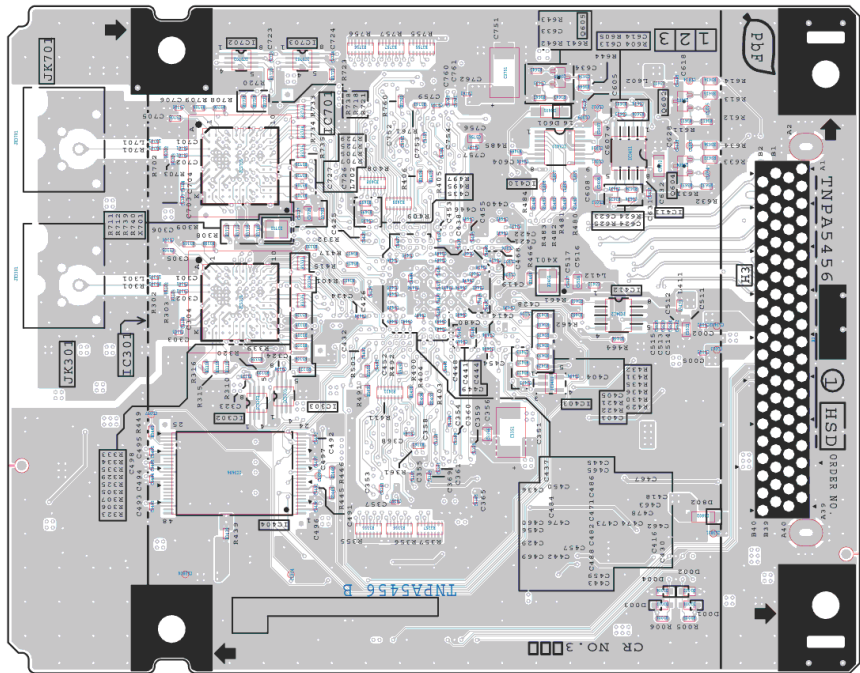
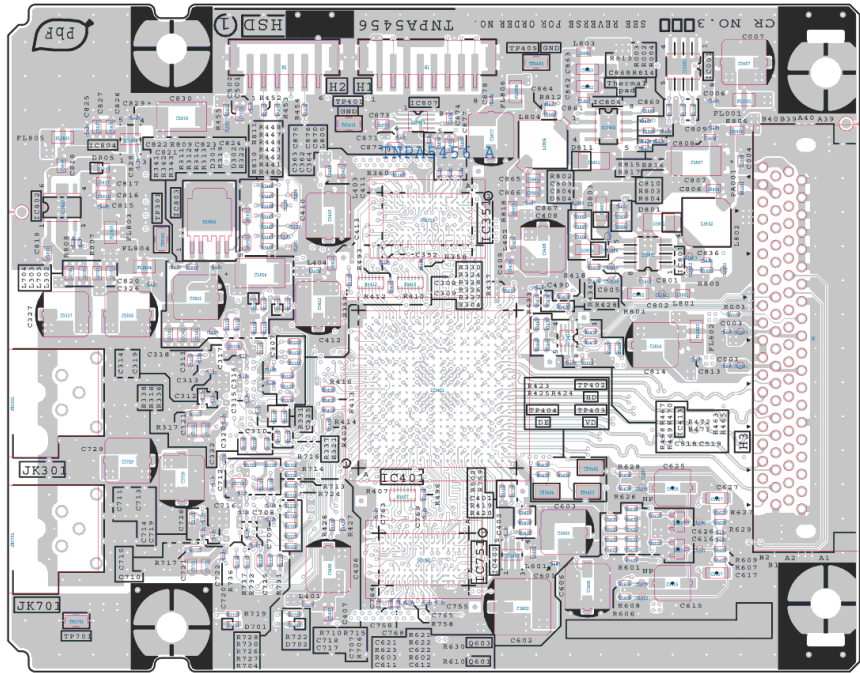
△ HSD-BOARD TXNHSD11UFW(3/5)








Model No. : TY-FB30DHD3D HSD-Board



Model No. : TY-FB30DHD3D Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	PCB	TXNHSD11UFW	HSD PWB BLOCK ASSY	1	RTL
	C3001	F1G1C104A077	C 0.1UF 16V	1	
	C3002	F1G1C104A077	C 0.1UF 16V	1	
	C3003	F1G1C104A077	C 0.1UF 16V	1	
	C3004	ECJ1VB1E104K	C 0.1 UF, 25V	1	
	C3005	F1G1C104A077	C 0.1UF 16V	1	
	C3006	F1G1C104A077	C 0.1UF 16V	1	
	C3007	F2G1C470A022	E 47UF, 16V	1	
	C3301	F1G0J1050007	C 1UF, , 6.3V	1	
	C3302	F1G0J1050007	C 1UF, , 6.3V	1	
	C3303	F1G1A4740003	C 0.47UF, , 10V	1	
	C3304	F1G1A4740003	C 0.47UF, , 10V	1	
	C3305	F1H1C105A145	C 1 uF 16 V	1	
	C3306	F1G1C473A116	C 0.047UF 16V	1	
	C3307	F1H1C105A145	C 1 uF 16 V	1	
	C3308	F1G1C104A077	C 0.1UF 16V	1	
	C3309	F1G1E1030005	C 0.01UF 25V	1	
	C3310	F1G1E1030005	C 0.01UF 25V	1	
	C3311	F1H1C105A145	C 1 uF 16 V	1	
	C3312	F1G1E1030005	C 0.01UF 25V	1	
	C3313	F1G1E1030005	C 0.01UF 25V	1	
	C3314	F1G1E1030005	C 0.01UF 25V	1	
	C3315	F1G1C104A077	C 0.1UF 16V	1	
	C3316	F1G1C104A077	C 0.1UF 16V	1	
	C3317	F1G1E1030005	C 0.01UF 25V	1	
	C3318	F1J0J106A021	C 10 UF 6.3 V	1	
	C3319	F1G1E1030005	C 0.01UF 25V	1	
	C3320	F1G1E1030005	C 0.01UF 25V	1	
	C3321	F1J0J106A021	C 10 UF 6.3 V	1	
	C3322	F1J0J106A021	C 10 UF 6.3 V	1	
	C3323	F1G1C104A077	C 0.1UF 16V	1	
	C3324	F1G1C104A077	C 0.1UF 16V	1	
	C3325	F1H1C105A145	C 1 uF 16 V	1	
	C3326	F2G1C470A022	E 47UF, 16V	1	
	C3327	F2G1C470A022	E 47UF, 16V	1	
	C3351	ECGRL0G680ER	C 68UF, J, 4V	1	
	C3352	F1G1C104A077	C 0.1UF 16V	1	
	C3353	F1G1C104A077	C 0.1UF 16V	1	
	C3354	F1G1C104A077	C 0.1UF 16V	1	
	C3355	F1G1C104A077	C 0.1UF 16V	1	
	C3356	F1J1A106A087	C 10UF, 10V	1	
	C3357	F1G1C104A077	C 0.1UF 16V	1	
	C3359	F1G1C104A077	C 0.1UF 16V	1	
	C3360	F1G1C104A077	C 0.1UF 16V	1	
	C3362	F1G1C104A077	C 0.1UF 16V	1	
	C3363	F1G1C104A077	C 0.1UF 16V	1	
	C3368	F1G1C104A077	C 0.1UF 16V	1	
	C3369	F1G1C104A077	C 0.1UF 16V	1	
	C3402	F1G1C104A077	C 0.1UF 16V	1	
	C3403	F1G1C104A077	C 0.1UF 16V	1	
	C3404	F1G1C104A077	C 0.1UF 16V	1	
	C3405	F1H1C105A145	C 1 uF 16 V	1	
	C3406	F2G1C470A022	E 47UF, 16V	1	
	C3407	F1J0J106A021	C 10 UF 6.3 V	1	
	C3408	F2G1C470A022	E 47UF, 16V	1	
	C3409	F1J0J106A021	C 10 UF 6.3 V	1	
	C3410	F2G1C470A022	E 47UF, 16V	1	
	C3411	F1J0J106A021	C 10 UF 6.3 V	1	
	C3412	F2G1C470A022	E 47UF, 16V	1	
	C3413	F1J0J106A021	C 10 UF 6.3 V	1	
	C3414	F1G1C104A077	C 0.1UF 16V	1	

Model No. : TY-FB30DHD3D Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C3416	F1G1C104A077	C 0.1UF 16V	1	
	C3418	F1G1C104A077	C 0.1UF 16V	1	
	C3419	F1G1C104A077	C 0.1UF 16V	1	
	C3421	F1G1C104A077	C 0.1UF 16V	1	
	C3422	F1G1C104A077	C 0.1UF 16V	1	
	C3425	F1G1C104A077	C 0.1UF 16V	1	
	C3426	F1G1C104A077	C 0.1UF 16V	1	
	C3428	F1G1C104A077	C 0.1UF 16V	1	
	C3429	F1G1C104A077	C 0.1UF 16V	1	
	C3430	F1G1C104A077	C 0.1UF 16V	1	
	C3432	F1G1C104A077	C 0.1UF 16V	1	
	C3434	F1G1C104A077	C 0.1UF 16V	1	
	C3435	F1G1C104A077	C 0.1UF 16V	1	
	C3436	F1G1C104A077	C 0.1UF 16V	1	
	C3437	F1G1C104A077	C 0.1UF 16V	1	
	C3438	F1G1C104A077	C 0.1UF 16V	1	
	C3440	F1G1C104A077	C 0.1UF 16V	1	
	C3441	F1G1C104A077	C 0.1UF 16V	1	
	C3442	F1G1C104A077	C 0.1UF 16V	1	
	C3443	F1G1C104A077	C 0.1UF 16V	1	
	C3444	F1G1C104A077	C 0.1UF 16V	1	
	C3445	F1G1C104A077	C 0.1UF 16V	1	
	C3446	F1G1C104A077	C 0.1UF 16V	1	
	C3448	F1G1C104A077	C 0.1UF 16V	1	
	C3449	F1G1C104A077	C 0.1UF 16V	1	
	C3450	F1G1C104A077	C 0.1UF 16V	1	
	C3452	F1G1C104A077	C 0.1UF 16V	1	
	C3453	F1G1C104A077	C 0.1UF 16V	1	
	C3454	F1G1C104A077	C 0.1UF 16V	1	
	C3455	F1G1C104A077	C 0.1UF 16V	1	
	C3456	F1G1C104A077	C 0.1UF 16V	1	
	C3457	F1G1C104A077	C 0.1UF 16V	1	
	C3459	F1G1C104A077	C 0.1UF 16V	1	
	C3460	F1G1C104A077	C 0.1UF 16V	1	
	C3462	F1G1C104A077	C 0.1UF 16V	1	
	C3463	F1G1C104A077	C 0.1UF 16V	1	
	C3465	F1G1C104A077	C 0.1UF 16V	1	
	C3467	F1G1C104A077	C 0.1UF 16V	1	
	C3468	F1G1C104A077	C 0.1UF 16V	1	
	C3469	F1G1C104A077	C 0.1UF 16V	1	
	C3471	F1G1C104A077	C 0.1UF 16V	1	
	C3473	F1G1C104A077	C 0.1UF 16V	1	
	C3474	F1G1C104A077	C 0.1UF 16V	1	
	C3476	F1G1C104A077	C 0.1UF 16V	1	
	C3478	F1G1C104A077	C 0.1UF 16V	1	
	C3480	F1G1C104A077	C 0.1UF 16V	1	
	C3482	F1G1C104A077	C 0.1UF 16V	1	
	C3484	F1G1C104A077	C 0.1UF 16V	1	
	C3486	F1G1C104A077	C 0.1UF 16V	1	
	C3488	F1G1C104A077	C 0.1UF 16V	1	
	C3490	F1G1C104A077	C 0.1UF 16V	1	
	C3491	F1G1C104A077	C 0.1UF 16V	1	
	C3492	F1G1C104A077	C 0.1UF 16V	1	
	C3493	F1G1C104A077	C 0.1UF 16V	1	
	C3494	F1G1C104A077	C 0.1UF 16V	1	
	C3495	F1G1C104A077	C 0.1UF 16V	1	
	C3496	F1G1C104A077	C 0.1UF 16V	1	
	C3497	F1G1C104A077	C 0.1UF 16V	1	
	C3498	F1G1C104A077	C 0.1UF 16V	1	
	C3501	F1G1C104A077	C 0.1UF 16V	1	
	C3502	F1J0J106A021	C 10 UF 6.3 V	1	
	C3511	F1J0J106A021	C 10 UF 6.3 V	1	

Model No. : TY-FB30DHD3D Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C3512	F1G1E1030005	C 0.01UF 25V	1	
	C3513	F1G1H1020008	C 1000PF 50V	1	
	C3514	F1G1E1030005	C 0.01UF 25V	1	
	C3515	F1G1H1020008	C 1000PF 50V	1	
	C3516	F1J0J106A021	C 10 UF 6.3 V	1	
	C3517	F1G1C104A077	C 0.1UF 16V	1	
	C3518	F1G1C104A077	C 0.1UF 16V	1	
	C3519	F1H1C105A145	C 1 uF 16 V	1	
	C3601	F1G1C104A077	C 0.1UF 16V	1	
	C3602	EEH1B1A101P	C 100PF, J, 10V	1	
	C3603	F2G1C470A022	E 47UF, 16V	1	
	C3604	F1G1C104A077	C 0.1UF 16V	1	
	C3605	F1G1C104A077	C 0.1UF 16V	1	
	C3606	F2G1H100A031	E 10UF, 50V	1	
	C3607	F1J0J106A021	C 10 UF 6.3 V	1	
	C3608	F1J0J106A021	C 10 UF 6.3 V	1	
	C3612	ECJ1VB1E104K	C 0.1 UF, 25V	1	
	C3614	F1G1H181A541	C 180PF, 50V	1	
	C3615	EEH1P1C100R	C 10PF, J, 16V	1	
	C3616	F1G1H272A571	C 2700PF, 50V	1	
	C3617	F1K1E475A134	C 4.7UF 25V	1	
	C3618	F1G1C104A077	C 0.1UF 16V	1	
	C3622	ECJ1VB1E104K	C 0.1 UF, 25V	1	
	C3624	F1G1H181A541	C 180PF, 50V	1	
	C3625	EEH1P1C100R	C 10PF, J, 16V	1	
	C3626	F1G1H272A571	C 2700PF, 50V	1	
	C3627	F1K1E475A134	C 4.7UF 25V	1	
	C3628	F1G1C104A077	C 0.1UF 16V	1	
	C3631	F1G1C104A077	C 0.1UF 16V	1	
	C3632	F1K1E106A136	C 10UF, 25V	1	
	C3633	F1G1C104A077	C 0.1UF 16V	1	
	C3634	F1H1C105A145	C 1 uF 16 V	1	
	C3701	F1G0J1050007	C 1UF, , 6.3V	1	
	C3702	F1G0J1050007	C 1UF, , 6.3V	1	
	C3703	F1G1A4740003	C 0.47UF, , 10V	1	
	C3704	F1G1A4740003	C 0.47UF, , 10V	1	
	C3705	F1H1C105A145	C 1 uF 16 V	1	
	C3706	F1G1C473A116	C 0.047UF 16V	1	
	C3707	F1H1C105A145	C 1 uF 16 V	1	
	C3708	F1G1C104A077	C 0.1UF 16V	1	
	C3709	F1G1E1030005	C 0.01UF 25V	1	
	C3710	F1G1E1030005	C 0.01UF 25V	1	
	C3711	F1H1C105A145	C 1 uF 16 V	1	
	C3712	F1G1E1030005	C 0.01UF 25V	1	
	C3713	F1G1E1030005	C 0.01UF 25V	1	
	C3714	F1G1E1030005	C 0.01UF 25V	1	
	C3715	F1G1C104A077	C 0.1UF 16V	1	
	C3716	F1G1C104A077	C 0.1UF 16V	1	
	C3717	F1G1E1030005	C 0.01UF 25V	1	
	C3718	F1J0J106A021	C 10 UF 6.3 V	1	
	C3719	F1G1E1030005	C 0.01UF 25V	1	
	C3720	F1G1E1030005	C 0.01UF 25V	1	
	C3721	F1J0J106A021	C 10 UF 6.3 V	1	
	C3722	F1J0J106A021	C 10 UF 6.3 V	1	
	C3723	F1G1C104A077	C 0.1UF 16V	1	
	C3724	F1G1C104A077	C 0.1UF 16V	1	
	C3725	F1H1C105A145	C 1 uF 16 V	1	
	C3726	F1J0J106A021	C 10 UF 6.3 V	1	
	C3727	F1G1C104A077	C 0.1UF 16V	1	
	C3728	F2G1C470A022	E 47UF, 16V	1	
	C3729	F2G1C470A022	E 47UF, 16V	1	
	C3751	ECGR10G680ER	C 68UF, J, 4V	1	

Model No. : TY-FB30DHD3D Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C3752	F1G1C104A077	C 0.1UF 16V	1	
	C3753	F1G1C104A077	C 0.1UF 16V	1	
	C3754	F1G1C104A077	C 0.1UF 16V	1	
	C3755	F1G1C104A077	C 0.1UF 16V	1	
	C3756	F1J1A106A087	C 10UF, 10V	1	
	C3757	F1G1C104A077	C 0.1UF 16V	1	
	C3759	F1G1C104A077	C 0.1UF 16V	1	
	C3760	F1G1C104A077	C 0.1UF 16V	1	
	C3762	F1G1C104A077	C 0.1UF 16V	1	
	C3763	F1G1C104A077	C 0.1UF 16V	1	
	C3768	F1G1C104A077	C 0.1UF 16V	1	
	C3769	F1G1C104A077	C 0.1UF 16V	1	
	C3801	ECJ1VB1E104K	C 0.1 UF, 25V	1	
	C3802	F1K1E106A136	C 10UF, 25V	1	
	C3803	ECJ1VB1H392K	C 3900UF, 50V	1	
	C3805	ECJ1VB1E104K	C 0.1 UF, 25V	1	
	C3806	F1J1A106A043	C 10UF, 10V	1	
	C3807	ECGR10G680ER	C 68UF, J, 4V	1	
	C3813	F1G1C104A077	C 0.1UF 16V	1	
	C3814	F2G1C470A022	E 47UF, 16V	1	
	C3815	F1G1C104A077	C 0.1UF 16V	1	
	C3816	F1J0J106A021	C 10 UF 6.3 V	1	
	C3817	F1J0J106A021	C 10 UF 6.3 V	1	
	C3818	F1J0J106A004	C 10 UF 6.3 V	1	
	C3819	F1J0J106A004	C 10 UF 6.3 V	1	
	C3820	F1G1C104A077	C 0.1UF 16V	1	
	C3821	F2G1C470A022	E 47UF, 16V	1	
	C3823	F1G1C104A077	C 0.1UF 16V	1	
	C3824	EEFCD0J470ER	47UF	1	
	C3825	F1G1C104A077	C 0.1UF 16V	1	
	C3826	F1J0J106A021	C 10 UF 6.3 V	1	
	C3827	F1J0J106A021	C 10 UF 6.3 V	1	
	C3828	F1G1E1030005	C 0.01UF 25V	1	
	C3829	F1G1C104A077	C 0.1UF 16V	1	
	C3830	EEFCD0J470ER	47UF	1	
	C3836	F1G1E1030005	C 0.01UF 25V	1	
	C3861	ECJ1VB1E104K	C 0.1 UF, 25V	1	
	C3862	F1K1E106A136	C 10UF, 25V	1	
	C3864	ECJ1VB1E104K	C 0.1 UF, 25V	1	
	C3865	F1J1A106A087	C 10UF, 10V	1	
	C3866	F1J1A106A087	C 10UF, 10V	1	
	C3867	F1G1C104A077	C 0.1UF 16V	1	
	C3868	ECJ1XC1H102J	C 1000PF, J, 50V	1	
	C3869	F1H1H153A219	C 0.015UF, 50V	1	
	C3870	F1J0J106A004	C 10 UF 6.3 V	1	
	C3871	F1G1C104A077	C 0.1UF 16V	1	
	C3872	F1J0J106A004	C 10 UF 6.3 V	1	
	C3873	F1J0J106A004	C 10 UF 6.3 V	1	
	C3874	ECJ1VB0J105K	C 1UF, 6.3V	1	
	C3875	F1G1H1020008	C 1000PF 50V	1	
	C3876	ECJ1VB0J105K	C 1UF, 6.3V	1	
	C3877	F2G1C470A022	E 47UF, 16V	1	
	C3878	F1G1C104A077	C 0.1UF 16V	1	
	D3301	B3AAB0000379	DIODE	1	
	D3302	B3AAB0000379	DIODE	1	
	D3601	B0JCME000037	DIODE	1	
	D3701	B3AAB0000379	DIODE	1	
	D3702	B3AAB0000379	DIODE	1	
	D3801	B0JCPE000004	DIODE	1	
	D3802	B0BC6R600005	ZENER DIODE	1	
	D3803	B0BC4R700007	ZENER DIODE	1	

Model No. : TY-FB30DHD3D Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	D3804	B0BC4R700007	ZENER DIODE	1	
	D3805	DA2J10100L	DIODE	1	
	D3811	B0JCPE000004	DIODE	1	
	FL3001	ELKE103FA	NOISE FILTER	1	
	FL3802	ELKE103FA	NOISE FILTER	1	
	FL3803	ELKE103FA	NOISE FILTER	1	
	FL3804	ELKE103FA	NOISE FILTER	1	
	FL3805	ELKE103FA	NOISE FILTER	1	
	FL3806	ELKE103FA	NOISE FILTER	1	
	H3	K1KA80B00037	80P CONNECTOR	1	
	H1	K1KA08AA0714	8P CONNECTOR	1	
	H2	K1KA06AA0714	6P CONNECTOR	1	
	IC3001	TVRS569	IC	1	
	IC3301	C1AB00003530	IC	1	
	IC3302	C0JBAZ002217	IC	1	
	IC3303	C0JBAZ002217	IC	1	
	IC3351	C3ABTY000043	IC	1	
	IC3401	C1ZBZ0004495	IC	1	
	IC3402	C0EBD0000038	IC	1	
	IC3403	C0EBE0000120	IC	1	
	IC3404	TVRS570	IC	1	
	IC3410	C0FBBK000047	IC	1	
	IC3411	C0ABBA000168	IC	1	
	IC3412	C0ZBZ0001561	IC	1	
	IC3413	C0JBAZ002269	IC	1	
	IC3701	C1AB00003530	IC	1	
	IC3702	C0JBAZ002217	IC	1	
	IC3703	C0JBAZ002217	IC	1	
	IC3751	C3ABTY000043	IC	1	
	IC3801	C0DBAYY00183	IC	1	
	IC3802	C0CBCAG00031	IC	1	
	IC3803	C0DBEGE00002	IC	1	
	IC3804	C0CBCAD00015	IC	1	
	IC3806	C0DBAYY00931	IC	1	
	IC3807	C0DBEYY00139	IC	1	
	JK3301	K1QBB1BB0014	CONNECTOR	1	
	JK3701	K1QBB1BB0014	CONNECTOR	1	
	L3301	ELJRF10NJFB	INDUCTION COIL	1	
	L3302	J0JHC0000075	CHIP INDUCTOR	1	
	L3303	J0JHC0000075	CHIP INDUCTOR	1	
	L3401	J0JYC0000068	CHIP INDUCTOR	1	
	L3402	J0JYC0000068	CHIP INDUCTOR	1	
	L3403	J0JYC0000068	CHIP INDUCTOR	1	
	L3404	J0JYC0000068	CHIP INDUCTOR	1	
	L3411	J0JYC0000068	CHIP INDUCTOR	1	
	L3412	J0JYC0000068	CHIP INDUCTOR	1	
	L3601	J0JHC0000078	CHIP INDUCTOR	1	
	L3602	J0JHC0000078	CHIP INDUCTOR	1	
	L3701	ELJRF4N7DFB	INDUCTION COIL	1	
	L3702	J0JYC0000068	CHIP INDUCTOR	1	
	L3703	J0JHC0000075	CHIP INDUCTOR	1	
	L3704	J0JHC0000075	CHIP INDUCTOR	1	
	L3801	J0JHC0000096	CHIP INDUCTOR	1	
	L3802	G1C330MA0363	INDUCTION COIL	1	
	L3803	J0JHC0000096	CHIP INDUCTOR	1	
	L3804	G1C2R4ZA0253	INDUCTION COIL	1	
	L3805	J0JYC0000068	CHIP INDUCTOR	1	

Model No. : TY-FB30DHD3D Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	PA3001	K5H1622A0031	FUSE	1	
	Q3601	B1ABGC000001	TRANSISTOR	1	
	Q3602	B1ABCF000231	TRANSISTOR	1	
	Q3603	B1ABGC000001	TRANSISTOR	1	
	Q3604	B1ABCF000231	TRANSISTOR	1	
	Q3605	B1ADCF000194	TRANSISTOR	1	
	R3001	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3002	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3003	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3004	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3005	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3006	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3301	D1BA75R0A014	M 75 OHM, J.1/16 W	1	
	R3302	D1BA75R0A014	M 75 OHM, J.1/16 W	1	
	R3303	D1BA39R0A014	M 39 OHM, J.1/16 W	1	
	R3304	D0GB102JA065	M 1KOHM, J,1/10W	1	
	R3305	D0GB102JA065	M 1KOHM, J,1/10W	1	
	R3306	D0GB102JA065	M 1KOHM, J,1/10W	1	
	R3307	D0GB102JA065	M 1KOHM, J,1/10W	1	
	R3310	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3312	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3313	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3316	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3317	D0GB101JA065	M 100 OHM, J,1/10W	1	
	R3318	D0GB100JA065	M 10 OHM J 1/10W	1	
	R3319	D1BB2000A055	M 200 OHM, J.1/10W	1	
	R3320	D0GB100JA065	M 10 OHM J 1/10W	1	
	R3321	D0GB100JA065	M 10 OHM J 1/10W	1	
	R3322	D1BB2000A055	M 200 OHM, J.1/10W	1	
	R3323	D0GB100JA065	M 10 OHM J 1/10W	1	
	R3324	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R3325	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3326	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R3327	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3328	D0GB222JA065	M 2.2KOHM, J,1/10W	1	
	R3329	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3330	D0GB222JA065	M 2.2KOHM, J,1/10W	1	
	R3331	D0GB222JA065	M 2.2KOHM, J,1/10W	1	
	R3332	D0GB330JA041	M 33 OHM J 1/10W	1	
	R3333	EXB28V330J	M 33 OHM 1/32 W	1	
	R3334	EXB28V330J	M 33 OHM 1/32 W	1	
	R3335	EXB28V330J	M 33 OHM 1/32 W	1	
	R3336	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3337	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3338	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3339	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3341	D0GDR00J0004	M 0 OHM, 1/8W	1	
	R3342	D0GDR00J0004	M 0 OHM, 1/8W	1	
	R3343	D0GDR00J0004	M 0 OHM, 1/8W	1	
	R3355	EXB2HV390JV	NW_R(x8)	1	
	R3356	EXB2HV390JV	NW_R(x8)	1	
	R3357	EXB2HV390JV	NW_R(x8)	1	
	R3358	D1BA2400A014	M 240 OHM, J.1/16 W	1	
	R3359	D1BB39R0A055	M 39 OHM, J.1/10W	1	
	R3360	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3361	D1BB1000A055	M 100 OHM, J.1/10W	1	
	R3400	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3401	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3402	D0GBR00J0004	M 0 OHM J 1/10W	1	

Model No. : TY-FB30DHD3D Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R3403	D1BB22R0A055	M 22 OHM, J.1/10W	1	
	R3404	D1BB22R0A055	M 22 OHM, J.1/10W	1	
	R3405	D1BB22R0A055	M 22 OHM, J.1/10W	1	
	R3406	D1BB22R0A055	M 22 OHM, J.1/10W	1	
	R3407	EXB2HVR000	M 0 OHM 1/16 W	1	
	R3408	EXB2HVR000	M 0 OHM 1/16 W	1	
	R3409	EXB2HVR000	M 0 OHM 1/16 W	1	
	R3410	EXB2HVR000	M 0 OHM 1/16 W	1	
	R3411	EXB2HVR000	M 0 OHM 1/16 W	1	
	R3412	EXB2HVR000	M 0 OHM 1/16 W	1	
	R3413	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3414	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3415	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3416	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3417	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3418	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3419	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3420	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R3421	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3422	D0GB471JA065	M 470 OHM, J,1/10W	1	
	R3423	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3424	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3425	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3426	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3428	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3432	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3433	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3436	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3437	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3439	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3440	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R3441	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R3442	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R3443	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R3444	D0GB331JA065	M330 OHM J 1/10W	1	
	R3445	D0GB101JA065	M 100 OHM, J,1/10W	1	
	R3446	D0GB101JA065	M 100 OHM, J,1/10W	1	
	R3447	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R3448	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R3449	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3452	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3453	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3454	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3461	D0GB680JA041	M 560 OHM, J,1/10W	1	
	R3464	D0GB100JA065	M 10 OHM J 1/10W	1	
	R3465	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3466	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3467	D0GB330JA041	M 33 OHM J 1/10W	1	
	R3468	D0GB330JA041	M 33 OHM J 1/10W	1	
	R3469	D0GB272JA041	M 2.7KOHM, J,1/10W	1	
	R3470	D0GB272JA041	M 2.7KOHM, J,1/10W	1	
	R3471	D0GB330JA041	M 33 OHM J 1/10W	1	
	R3472	D0GB330JA041	M 33 OHM J 1/10W	1	
	R3480	D0GB151JA065	M 150 OHM J 1/10W	1	
	R3481	D0GB151JA065	M 150 OHM J 1/10W	1	
	R3482	D0GB151JA065	M 150 OHM J 1/10W	1	
	R3483	D0GB151JA065	M 150 OHM J 1/10W	1	
	R3484	D0GB470JA065	M 47 OHM, J,1/10W	1	
	R3485	D0GB330JA041	M 33 OHM J 1/10W	1	
	R3491	D1BB4701A055	M 4.7KOHM, J.1/10W	1	
	R3492	D1BB4701A055	M 4.7KOHM, J.1/10W	1	
	R3493	D1BB4701A055	M 4.7KOHM, J.1/10W	1	

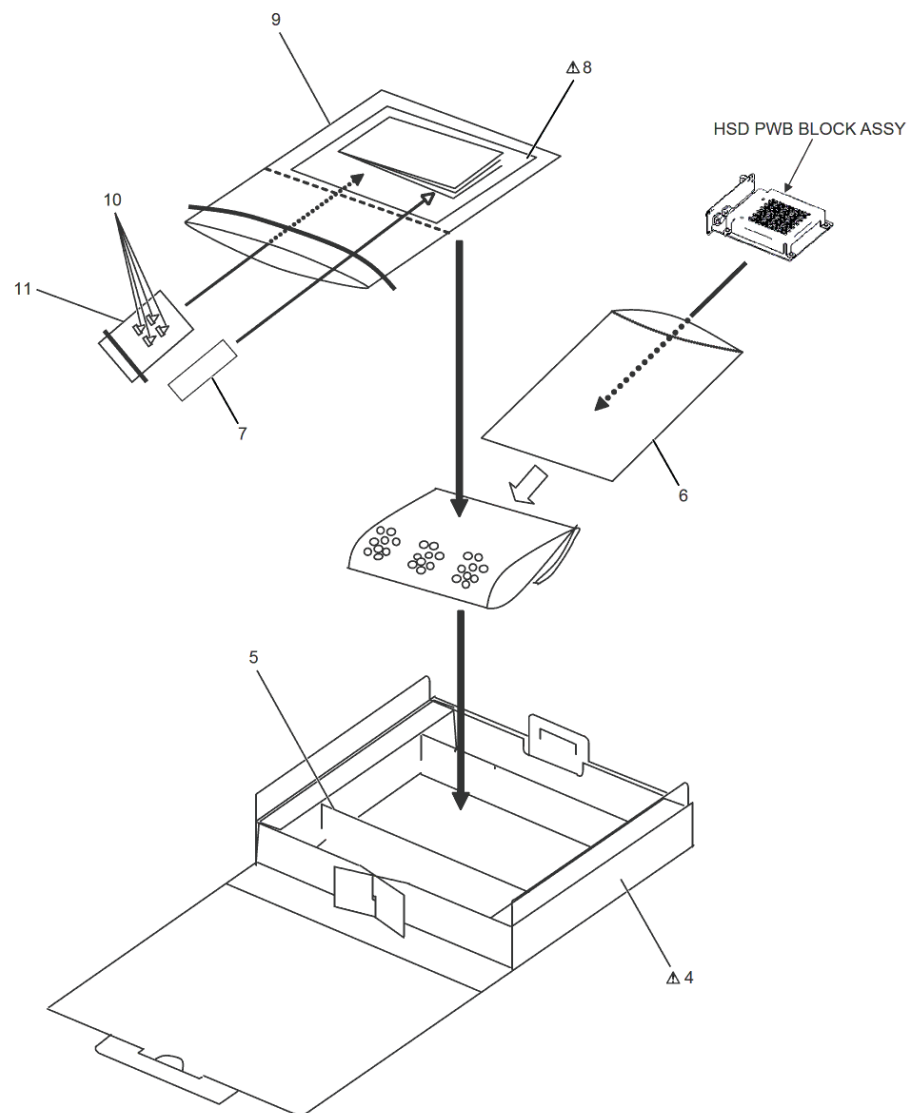
Model No. : TY-FB30DHD3D Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R3495	D1BB4701A055	M 4.7KOHM, J, 1/10W	1	
	R3496	D1BB4701A055	M 4.7KOHM, J, 1/10W	1	
	R3497	D1BB4701A055	M 4.7KOHM, J, 1/10W	1	
	R3501	D1BB1000A055	M 100 OHM, J, 1/10W	1	
	R3502	D1BB1000A055	M 100 OHM, J, 1/10W	1	
	R3601	D0GB223JA065	M 22KOHM, J, 1/10W	1	
	R3602	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3603	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3604	D0GB183JA065	M 18KOHM, J, 1/10W	1	
	R3605	D0GB273JA065	M 27K OHM J 1/10W	1	
	R3606	D0GB561JA065	M 560 OHM, J, 1/10W	1	
	R3607	D0GB471JA065	M 470 OHM, J, 1/10W	1	
	R3609	D0GB184JA065	M 180KOHM J 1/10W	1	
	R3610	D0GB471JA065	M 470 OHM, J, 1/10W	1	
	R3611	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R3612	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R3613	D0GD102JA052	M 1.0KOHM, J, 1/8W	1	
	R3614	D0GD101JA052	M 100 OHM, J, 1/8W	1	
	R3621	D0GB223JA065	M 22KOHM, J, 1/10W	1	
	R3622	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3623	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3624	D0GB183JA065	M 18KOHM, J, 1/10W	1	
	R3625	D0GB273JA065	M 27K OHM J 1/10W	1	
	R3626	D0GB561JA065	M 560 OHM, J, 1/10W	1	
	R3627	D0GB471JA065	M 470 OHM, J, 1/10W	1	
	R3629	D0GB184JA065	M 180KOHM J 1/10W	1	
	R3630	D0GB471JA065	M 470 OHM, J, 1/10W	1	
	R3631	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R3632	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R3633	D0GD102JA052	M 1.0KOHM, J, 1/8W	1	
	R3634	D0GD101JA052	M 100 OHM, J, 1/8W	1	
	R3641	D0GB101JA065	M 100 OHM, J, 1/10W	1	
	R3642	D0GB104JA065	M 100KOHM J 1/10W	1	
	R3643	D0GB274JA065	M 270K OHM J 1/10W	1	
	R3644	D0GB105JA041	M 1M OHM F 1/10W	1	
	R3701	D1BA75R0A014	M 75 OHM, J, 1/16 W	1	
	R3702	D1BA75R0A014	M 75 OHM, J, 1/16 W	1	
	R3703	D1BA39R0A014	M 39 OHM, J, 1/16 W	1	
	R3704	D0GB102JA065	M 1KOHM, J, 1/10W	1	
	R3705	D0GB102JA065	M 1KOHM, J, 1/10W	1	
	R3706	D0GB102JA065	M 1KOHM, J, 1/10W	1	
	R3707	D0GB102JA065	M 1KOHM, J, 1/10W	1	
	R3710	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3712	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3713	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3716	D0GB103JA065	M 10K OHM J 1/10W	1	
	R3717	D0GB101JA065	M 100 OHM, J, 1/10W	1	
	R3718	D0GB100JA065	M 10 OHM J 1/10W	1	
	R3719	D1BB2000A055	M 200 OHM, J, 1/10W	1	
	R3720	D0GB100JA065	M 10 OHM J 1/10W	1	
	R3721	D0GB100JA065	M 10 OHM J 1/10W	1	
	R3722	D1BB2000A055	M 200 OHM, J, 1/10W	1	
	R3723	D0GB100JA065	M 10 OHM J 1/10W	1	
	R3724	D0GB472JA065	M 4.7KOHM, J, 1/10W	1	
	R3725	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3726	D0GB472JA065	M 4.7KOHM, J, 1/10W	1	
	R3727	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3728	D0GB222JA065	M 2.2KOHM, J, 1/10W	1	
	R3729	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3730	D0GB222JA065	M 2.2KOHM, J, 1/10W	1	
	R3731	D0GB222JA065	M 2.2KOHM, J, 1/10W	1	
	R3732	D0GB330JA041	M 33 OHM J 1/10W	1	

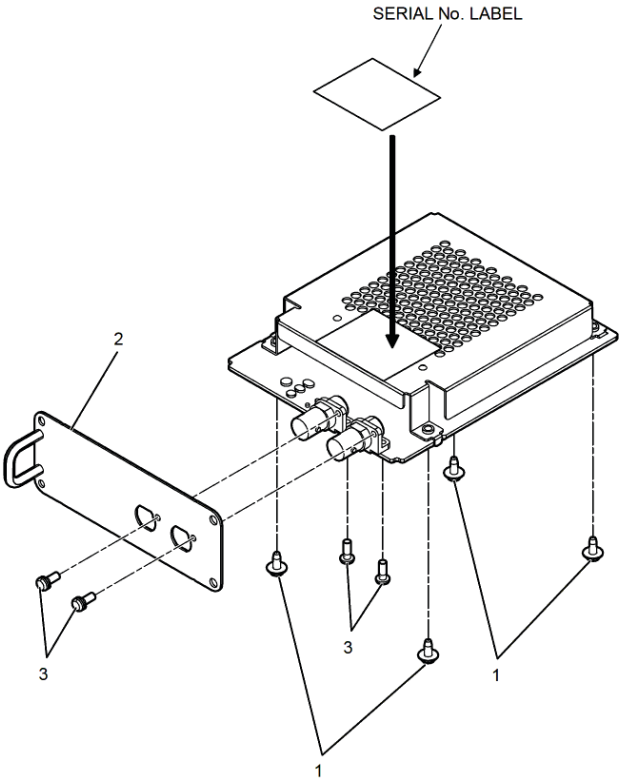
Model No. : TY-FB30DHD3D Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R3733	EXB28V330J	M 33 OHM 1/32 W	1	
	R3734	EXB28V330J	M 33 OHM 1/32 W	1	
	R3735	EXB28V330J	M 33 OHM 1/32 W	1	
	R3736	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3737	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3738	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3739	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3740	D0GB220JA065	M 22 OHM J 1/10W	1	
	R3755	EXB2HV390JV	NW_R(x8)	1	
	R3756	EXB2HV390JV	NW_R(x8)	1	
	R3757	EXB2HV390JV	NW_R(x8)	1	
	R3758	D1BA2400A014	M 240 OHM, J.1/16 W	1	
	R3759	D1BB39R0A055	M 39 OHM, J.1/10W	1	
	R3760	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3761	D1BB1000A055	M 100 OHM, J.1/10W	1	
	R3801	D0GB104JA065	M 100KOHM J 1/10W	1	
	R3802	D0GB273JA065	M 27K OHM J 1/10W	1	
	R3803	D1BB2612A055	M26.1KOHM, J.1/10W	1	
	R3804	D1BB1002A055	M 10KOHM, J.1/10W	1	
	R3805	D0GB4R7JA065	M 4.7 OHM J 1/10W	1	
	R3806	D0GDR00J0004	M 0 OHM, 1/8W	1	
	R3807	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R3808	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R3809	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3810	D1BD2002A066	M 22KOHM, F.1/8W	1	
	R3811	D1BD3302A066	M 33KOHM, F.1/8W	1	
	R3812	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R3813	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R3814	D1BA1002A014	M 10KOHM, F. 1/16 W	1	
	R3815	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R3816	D1BA1022A014	M 10.2KOHM, F. 1/16 W	1	
	R3817	D1BA9101A014	M 9.1 KOHM, J.1/16 W	1	
	R3818	D0GDR00J0004	M 0 OHM, 1/8W	1	
	X3401	H1A2705B0032	CRYSTAL	1	
	X3701	H1A2705B0032	CRYSTAL	1	



Model No. : TY-FB30DHD3D Parts Location (1)



Model No. : TY-FB30DHD3D Parts Location (2)



Model No. : TY-FB30DHD3D Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	1	THEL027N	SCREW	4	
	2	TUWF153	TERMINAL FIXED METAL	1	
	3	XSN26+6FJ	SCREW	4	
	4	TPCC93301	CARTON BOX	1	
	5	TPDF2312	PARTITION	1	
	6	TPEH135	PROTECT COVER	1	
	7	TBMV240	TERAMINAL SHEET(W)	1	
	8	TQBH0252	INSTRUCTION BOOK	1	
	9	XZBT6506	POLY BAG	1	
	10	THEL0239	SCREW	4	
	11	TQE6691	POLY BAG	1	